



# EX407<sup>Q&As</sup>

Red Hat Certified Specialist in Ansible Automation exam

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### QUESTION 1

Besides galaxy.ansible.com, where else can ansible-galaxy pull roles from?

- A. a standard httpd server
- B. other servers that have Ansible installed
- C. community.ansible.com
- D. github repositories

Correct Answer: D

ansible-galaxy may be used to pull roles from a github repo.

---

### QUESTION 2

Consider the provided dictionary variable definition:

```
drives: name: hd1 type: physical size: 1G
```

Which of the following are valid ways to retrieve data from this dictionary? (Choose all that apply.)

- A. `{{ drives[\'type\'] }}`
- B. `{{ drives-name }}`
- C. `{{ drives }}`
- D. `{{ drives.size }}`

Correct Answer: ACD

`{{ drives }}`: This will return the whole dictionary.

`{{ drives.size }}`: This will return the size value for the drives dictionary.

---

### QUESTION 3

What does the lineinfile module do?

- A. Allow addition of lines anywhere in a file
- B. Allows to grep for lines in a provided file
- C. Allow additions of lines to the end of a file only
- D. Input data into a file from stdin

Correct Answer: A



The purpose of the lineinfile module is to add lines anywhere in a file passed on a pattern.

---

#### QUESTION 4

What is wrong with the following command: `ansible all -a "mkdir/tmp/testfile"`

- A. There is not a module specified.
- B. There is not an inventory file specified.
- C. The command will execute without error.
- D. The `-b` flag is required.

Correct Answer: C

This command will execute using the `command` module by default.

---

#### QUESTION 5

Where can you find documentation on Ansible modules? (Choose all that apply.)

- A. The Ansible-Module man page.
- B. The Ansible man page.
- C. Using the `ansible-doc` command.
- D. Ansible online documentation.

Correct Answer: CD

The `ansible-doc` command is designed to provide module documentation. Module documentation may be found online.

---

#### QUESTION 6

Consider the following playbook:

```
# playbook name: /home/ansible/web.yml
```

```
-hosts: webserver become: yes
```

```
tasks:
```

```
-name: edit file 1
```

```
lineinfile:
```

```
path: /var/www/content.html line: "{{ text }}" tags:
```

```
-content
```



-name: edit file 2

lineinfile: path: /var/www/index.html

line: "{{ text }}"

tags:

-web

-name: edit file 3 lineinfile: path: /var/www/etc.html line: "{{ text }}" tags: - content - misc

Which use of the ansible-playbook command on the provided playbook will result in ONLY editing the file /var/www/index.html?

- A. ansible-playbook /home/ansible/web.yml
- B. ansible-playbook /home/ansible/web.yml --skip-tags web
- C. ansible-playbook /home/ansible/web.yml --skip-tags content
- D. ansible-playbook /home/ansible/web.yml --tags content

Correct Answer: C

This command skips the two tasks editing other files and only allows the task that is editing /var/www/index.html to run.

---

### QUESTION 7

State whether the following statement is true or false.

If you create your own ansible facts file, it can be executable.

- A. True
- B. False

Correct Answer: A

---

### QUESTION 8

Which of the following are valid flags for the ansible-playbook command? (Choose all that apply.)

- A. --include-tags
- B. --tags
- C. --skip-tags
- D. --tag

Correct Answer: BC

---



The --skip-tags flag allows specification of tags to identify specific plays for Ansible to skip.

---

### QUESTION 9

State whether the following statement is true or false.

A template can only use 1 variable.

A. True

B. False

Correct Answer: B

You can use multiple variables in templates.

---

### QUESTION 10

Create a playbook called issue.yml in /home/sandy/ansible which changes the file /etc/issue on all managed nodes: If host is a member of (lev then write "Development" If host is a member of test then write "Test" If host is a member of prod then write "Production"

Correct Answer:

See the for complete Solution below. Solution as:



```
---
- name: issue file
  hosts: dev,test,prod
  tasks:
    - name: edit development node
      copy:
        content: Development
        dest: /etc/issue
        when: "dev" in group_names
    - name: edit test node
      copy:
        content: Test
        dest: /etc/issue
        when: "test" in group_names
    - name: edit development node
      copy:
        content: Production
        dest: /etc/issue
        when: "prod" in group_names
...

```

## QUESTION 11

### SIMULATION

Using the Simulation Program, perform the following tasks:

Static Inventories Task:

1.

Add a new group to your default ansible host file. call the group [ec2]

2.



Add a new host to the new group you created.

3.

Add a variable to a new host entry in the `/etc/ansible/hosts` file. Add the following. `localhost http_port=80 maxRequestsPerChild=808`

4.

Check to see if `maxRequestsPerChild` is pulled out with an ad-hoc command.

5.

Create a local host file and put a target group and then a host into it. Then ping it with an ad-hoc command.

A.

Correct Answer: See explanation below.

---

#### QUESTION 12

What does the `when` keyword do?

- A. There is no `when` keyword
- B. Allows a task to be conditional
- C. Allows a play to be conditional
- D. Allows a play to be scheduled

Correct Answer: B

---

#### QUESTION 13

State whether the following statement is true or false.

Is this the correct format for an ansible ad-hoc command?

```
ansible servers -m ping
```

- A. True
- B. False

Correct Answer: A

---

#### QUESTION 14

Create a playbook called `timesync.yml` in `/home/sandy/ansible` using `rhel` system role `timesync`. Set the time to use currently configured `ntp` with the server `0.uk.pool.ntp.org`. Enable `burst`. Do this on all hosts.



Correct Answer:

See the for complete Solution below. Solution as:

```
- name: use rhel system role
hosts: all
roles:
  - rhel-system-roles.timesync
timesync_ntp_servers:
  - hostname: 0.uk.pool.ntp.org
  iburst: yes
```

---

#### QUESTION 15

What are the minimum configurations that must be made to install Ansible Tower?

- A. You must provide a target host and set some key user passwords.
- B. You must generate an SSL certificate for the Ansible Tower web frontend.
- C. You must specify a few key user passwords.
- D. PROJECTS\_ROOT must be configured.

Correct Answer: D

This is the only required configuration change needed prior to installation.

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